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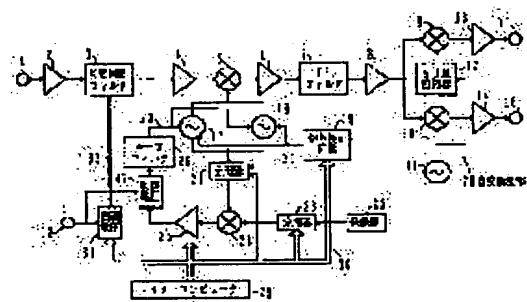
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(54) TUNER DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a tuner device which has the phase noise characteristic that is improved over a wide range for the oscillation signals of local oscillator circuits.

SOLUTION: A tuner device is provided with a local oscillator circuit 17 of a low oscillation frequency band and a local oscillator circuit 18 of a high oscillation frequency band. Then both circuits 17 and 18 are switched to each other based on a desired signal (channel selection signal), so that the oscillation sensitivity is kept almost at a low level against the control voltage regardless of the oscillation band. As a result, the almost fixed and satisfactory phase noise characteristic is secured in all oscillation bands. Furthermore, the tuning voltage of a variable tuning filter 3 is supplied independently of the control voltage of both circuits 17 and 18. As a result, the satisfactory tracking characteristic is secured for the filter 3 and both circuits 17 and 18 respectively.



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